What is claimed is:

1. An absorbent core for collection of bodily liquids, such as urine, said core comprising: a super absorbent gelling material, said super absorbent gelling material being in the form of particles, wherein:
   - said particles have a longest and a smallest dimension with a particulate ratio of longest to smallest particle dimension in the range of 1-5;
   - said particles are provided with a surface cross-linking in order to provide said particles with an individual particle stability such that said AGM super absorbent gelling material has a measured SFC of at least 30 units;
   - said particles further have a substantially non-covalently bonded surface coating with a partially hydrolysable cationic polymer, such that said super absorbent gelling material has a measured BBS of more than 80 grams of force after 30 minutes and a BBS after 16 hours of at least 50% of the BBS after 30 minutes;
   - said coating is present on said particles in an amount of less than 10% by weight of said particles; and
   - said super absorbent gelling material is present in said core in a concentration of 60% by weight or more.

2. Absorbent core according to claim 1 wherein said SFC is more than 60 units.

3. Absorbent core according to claim 1 wherein said surface coating is a nitrogen containing polymer, which contains from 5 to 17 mol of cationic groups per kilogram of said nitrogen containing polymer.

4. Absorbent core according to claim 3 wherein said partially hydrolyzable cationic polymer is hydrolyzed in the range of 40%-80%.

5. Absorbent core according to claim 4 wherein said partially hydrolyzed cationic polymer is hydrolyzed in the range of 40%-60%.

6. Absorbent core according to claim 5 wherein said partially hydrolyzed cationic polymer is hydrolyzed in the range of 40%-50%.

7. Absorbent core according to claim 1 wherein said particles have a substantially non-covalently bonded surface coating selected from a partially hydrolyzed polymer of N-vinyl-alkyl-amide or N-vinyl-alkyl-imide.

8. Absorbent core according to claim 7 wherein said particles have a substantially non-covalently bonded surface coating of a polymer of N-vinyl-form-amide.

9. Absorbent core according to claim 1 wherein said measured BBS is in the range of 100 to 130 grams of force after 30 minutes and said BBS after 16 hours is in the range of 80%-120% of the BBS after 30 minutes.

10. Absorbent core according to claim 1 wherein said coating is present on said particles in an amount between 0.05 and 5%, by weight of said particles.

11. Absorbent core according to claim 1 wherein said coating is present on said particles in an amount between 0.2% and 1%, by weight of said particles.

12. Absorbent core according to claim 1 wherein said super absorbent gelling material is present in said core in a concentration of 80% by weight or more.

13. Absorbent core according to claim 1 wherein said super absorbent gelling material is present in said core in a concentration of 96% by weight or more.

14. Absorbent core according to claim 1 wherein said particles have a specific surface area of at least 0.05 m^2 per gram.

15. Absorbent core according to claim 1 wherein particles have a capillary pressure percentile, in accordance with the capillary pressure evaluation method as defined herein, of at least 35.

16. Absorbent core according to claim 15 wherein said capillary pressure percentile is at least 45.

17. Absorbent core according to claim 16 wherein said capillary pressure percentile is at least 54.

18. Absorbent incontinence articles such as baby diapers or adult incontinence articles, comprising an absorbent core according to claim 1.

19. Absorbent articles according to claim 19 further comprising a topsheet and said absorbent core is positioned immediately adjacent said topsheet.